BRUHAT BANGALORE MAHANAGARA PALIKE

FORM PWG -45 WORK SLIP STATEMENT

Name of Work: Improvements to Someshwara Hill and surrounding areas at Attur Ward No.03 in Yelahanaka Satellite Town Sub Division

Sanctioned Estimate Amount: Rs. 4,00,00,000.00 — **Name of the Contractor: K.Gopireddy**

Sanctioned Tender Amount: Rs. 3,35,82,631.00

Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed as per actuals	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	KSRRB 200-9. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of thorney jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications. MORTH / Chapter 2 (P.No-138, I.No-18.12)	Sqm	5150.00	15.90	81885.00	5150.00	15.90	81885.00	13685.37	8437.50	15.90	102356.25	7247.87	15.90	115241.08	217597.33	135712.33	
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(I No-19.1, P.No-143), 8km lead	Sqm	1801.04	215.28	387727.89	1801.04	215.28	387727.89	2890.39	2251.30	215.28	484659.86	639.09	215.28	137582.68	822242.55	234514.65	
3	KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301 (P.No-144, I No-19.20)	Sqm	3516.25	55.46	195011.23	3516.25	55.46	195011.23	6150.07	4395.31	55.46	243764.03	1754.76	55.46	97319.06	341083.09	146071.87	
7	KSRB 4-1.5 : Providing and laying in position plain cement concrete of Mix M20 with OPC @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. (P.No.13, I.No.4.5 of PW, P&IWTD S.R 2018-19)	Cum	59.2272	5647.68	334496.27	59.23	5647.68	334496.27	94.63	74.03	5647.68	418120.34	20.60	5647.88	116324.14	534444.48	199948.20	
12	Fabricating providing and erecting in position of MS Hot Dip galvanized sq hallow poles of 132 x132 heavy gauge length 3000mm with MS Hot Dip galvanized grill work as per approved design and drawing of chief architect using 12 x75mm galvanized flat for alround frame and 20 x 20mm galvanized forged ornamental arrow head in top and buttom the work is inclusive of throughing flat square rods placing welding all the joints including griding finishing 2 coats of anticorrossive paint over one coat of metal primer the rate is inclusive of all materials all items of work cost painting welding cutting griding with lead and lift as per specifications including loading and unloading with cost and conveyance of all materials labour machinery and incidental charges for the successful completion of the work as per direction of engineer in charge of work (Data Rate)	Sqm	816.06	9144	7462052.64	816.06	9144.00	7462052.64	1090.61	1020.08	9144.00	9327565.80	70.54	9144.00	645008.62	9972574.42	2510521.78	
13	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.(P.No.13, I.No.4.5 of PW, P&IWTD S.R 2018-19)	Sqm	360.4	273.48	98562.19	360.40	273.48	98562.19	491.13	450.50	273.48	123202.74	40.63	273.48	11110.21	134312.95	35750.76	
19	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page No 25., I.No.5.6).	Cum	426.05	4871.76	2075603.60	426.05	4871.76	2075603.60	665.26	532.56	4871.76	2594504.51	132.70	4871.76	646500.50	3241005.01	1165401.41	

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Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed as per actuals	Upto 135%			Above 135%			Total Amount as per actuals	Excess	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
31	KSRRB M300-14. Excavation for roladwork in soil with hydraulic excavator of 0.6 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications.(i) No-19.14.P No-143)	Cum	480	63.94	30691.20	480.00	63.94	30691.20	852.11	600.00	63.94	38364.00	62.11	63.94	3971.79	41988.79	11004.59	
65	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.450 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached plasters, columnspillars, posts, struts, buttressss, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per spacifications. Specification No. KBS 4.1, 4.6	Cum	5.976	6111.72	36523.64	5.98	6111.72	36523.64	9.85	7.47	6111.72	45654.55	2.38	6111.72	14523.85	60178.20	23654.56	
66	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	9.78825	6363.36	62146.16	9.77	6363.36	62146.16	10.95	12.21	6363.36	77682.71	0.00	6363.36	0.00	77682.71	15536.54	
67	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2	Sqm	23.04	278.64	6419.87	23.04	278.64	6419.87	55.14	28.80	278.64	8024.83	26.34	278.64	7340.72	15365.55	8945.68	
68	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sq-m	65.37	815.4	53302.70	65.37	815.40	53302.70	97.28	81.71	815.40	66629.37	15.57	815.40	12694.93	79323.31	26020.61	
70	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the concrete as per design (laps, hooks and necessary wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars, Fe 500.	Tonne	1.62	69562.8	112691.03	1.62	69562.80	112691.03	1.83	2.03	69562.80	141113.79	0.00	69562.80	0.00	141113.79	28422.76	
71	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. Including cost of all labour complete as per specifications. No. KBS 2.9	Cum	199.06	217.08	43212.59	199.06	217.08	43212.59	309.10	248.83	217.08	54015.73	60.27	217.08	13082.64	67098.37	23885.78	

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Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed as per actuals	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
72	Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Cement Mortar 1:4.KSRB 6-6.3. Cement Morter 1:4	Sqm	101.57	281.88	28630.55	101.57	281.88	28630.55	234.04	126.96	281.88	35788.19	107.08	291.88	30183.13	65971.32	37340.77	
74	KSRB 15-3.14: Providing 12mm thick cement plaster in single coat with cement mortar 1:4 (with lime rendering) to ceiling including & rounded off corners wherever required smooth rendering Providing & removing scaffolding, including cost of materials, labour curing complete as per specification	Sqm	34.52	243	8387.15	34.52	243.00	8387.15	166.40	43.14	243.00	10483.93	123.25	243.00	29950.70	40434.63	32047.48	
78	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The	Sqm	34.515	1073.52	37052.54	34.52	1073.52	37052.54	51.17	43.14	1073.52	46315.68	8.02	1073.52	8612.62	54928.30	17875.76	
	TOTAL				10635338.83			10635338.83				13294173.53			1769086.28	15063259.82	4652455.51	

Percentage of excess comparing to the sanctioned Estimated cost = 4652455.51 / 33582631.00 x 100 = 13.85 %

Contractor

Assistant Engineer
Project Division

Assistant Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

D S R INFRATECH
PMC
Date
* BENGALURU- 65 *

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PWG -71 EXTRA ITEM RATE LIST STATEMENT

Name of Work: Improvements to Someshwara Hill and surrounding areas at Attur Ward No.03 in Yelahanaka Satellite Town Sub Division

Client : Bruhat Bangalore Mahanagara palike
Agency : Sri. K. Gopi Reddy

Sl. No.	Item of Work	Unit	Approximate Quantity	Rate	Amount in Rs	Whether the items are alternative to items in the tender or whether they are additional items (If items are in lieu of some items in the accepted tender, such items should be metioned	Whether the extra item is included in the sanctioned estimate	How the extra cost of the item is propposed to be met	Whether the extra item is included in the suchedule of rate of the Division. if so reference to this item of the schedule to be given , if not data sheets should accompany the rate list	Remarks
EIRL-1	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:8, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13	Cum	126.84	4762.69	604117.11	Additional Item	No	in the savings of other items in the same estimate	KPWD SR 2018-19 Page no-25, Item No-5.2-2	
EIRL -2	Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification.	Sqm	67.58	5690.00	384501.87	Additional Item	No	in the savings of other items in the same estimate	KPWD SR 2018-19 Page no-44, Item No-7.36	
EIRL -3	KSRB 2.2.6: Excavation for foundation of buildings, water supply & sanitary lines & electrical conduits etc., either in pits or in trenches 1.50m & above in width in **hard rock by chiselling and / or wedging** where blasting is prohibited, not excluding 1.50m in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50m including cost of labour, HOM complete as per specification	Cum	301.89	2164.09	653326.53	Additional Item	No	in the savings of other items in the same estimate	KPWD SR 2018-19 Page no-8, Item No-2.8	
EIRL -4	KSRB 2.14-1: Extra for additional lift of 1.5m. In soft or hard rock Or part there of for excavation in soil / rock including cost of materials, labours complete as per specification	Cum	301.89	37.09	11198.06	Additional Item	No	in the savings of other items in the same	KPWD SR 2018-19 Page no-8, Item No-2.22	
EIRL -5	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications.and directions of the Engineer in charge.	Sqm	38.54	859.49	33126.35	Additional Item	No	in the savings of other items in the same estimate	KPWD SR 2018-19 Page no-7, Item No-2.12	

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EIRL -6	Fabricating, providing and erecting in poiston of M S Ornamental security Grill without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at thebotom and C I arrows inthe midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providng two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes etc as per specification and drawings.	Kgs	8806.08	157.91	1390553.84	Additional Item	No	in the savings of other items in the same estimate	KPWD SR 2018-19 Page no-44, Item No-7.33	
	EIRL TOTAL				3076823.56					

Total Amount of Sanctioned Tender	=	33582631.00
Net Excess Amount of EIRL	=	3076823.56
Total % excess to the Tendered Amount	=	9.16 %

Assistant Engineer

Assistant Executive Engineer

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BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Work: Improvements to Someshwara Hill and surrounding areas at Attur Ward No.03 in Yelahanaka Satelite Town Sub Division

RATE ANALYSIS - Work Slip and EIRL

EIRL - 1	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:8, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13								
	Basic rate	4494.00							
	6%Weightage	269.64							
	Total Rs.	4763.64							**Sqm**
	T.P (-) 0.02% Below	-0.95							
	Net Total Rs.	4762.69				Total	**4762.69**		
EIRL - 2	Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification.								
	Basic rate	5369.00							
	6%Weightage	322.14							
	Total Rs.	5691.14							**Sqm**
	T.P (-) 0.02% Below	-1.14							
	Net Total Rs.	5690.00				Total	**5690.00**		
EIRL - 3	KSRB 2.2.6: Excavation for foundation of buildings, water supply & sanitary lines & electrical conduits etc., either in pits or in trenches 1.50m & above in width in hard rock by chiselling and / or wedging where blasting is prohibited, not excluding 1.50m in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50m including cost of labour, HOM complete as per specification								
	Basic rate	2042.00							
	6%Weightage	122.52							
	Total Rs.	2164.52							
	T.P (-) 0.02% Below	-0.43							**Cum**
	Net Total Rs.	2164.09				Total	**2164.09**		
EIRL - 4	KSRB 2.14-1: Extra for additional lift of 1.5m. In soft or hard rock Or part there of for excavation in soil / rock including cost of materials, labours complete as per specification								
	Basic rate	35.00							
	6%Weightage	2.10							
	Total Rs.	37.10							
	T.P (-) 0.02% Below	-0.01							
	Net Total Rs.	37.09				Total	**37.09**		**Cum**

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EIRL 5	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications.and directions of the Engineer in charge.								
	Basic rate	811.00							
	6%Weightage	48.66							
	Total Rs.	859.66							
	T.P (-) 0.02% Below	-0.17							
	Net Total Rs.	859.49							
						Total	859.49		Sqm
EIRL 6	Fabricating, providing and erecting in poiston of M S Ornamental security Grill without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at thebotom and C I arrows inthe midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providng two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes etc as per specification and drawings.								
	Basic rate	149.00							
	6%Weightage	8.94							
	Total Rs.	157.94							
	T.P (-) 0.02% Below	-0.03							
	Net Total Rs.	157.91							
						Total	157.91		Sqm

Assistant Engineer
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